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16. (New) The method according to claim 15, wherein the compound is administered to a subject having a disorder associated with higher than normal blood glucose levels.

17. (New) The method according to claim 16 wherein the disorder is selected from type I or type II diabetes.

18. (New) The method according to claim 15 wherein the compound is a polypeptide comprising the 16 mer amino acid sequence PEWPSYLGYEKLYPYY, or a fragment or variant thereof which is capable of binding phosphorylase a.

19. (New) The method according to claim 18 wherein the polypeptide increases the activity of hepatic glycogen synthase. --

Respectfully submitted,

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